

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040610.D
 Acq On : 25 Apr 2019 14:51
 Operator : JU/SJ
 Sample : K2542-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Apr 26 00:13:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45155	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	179059	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	129622	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	363027	20.00	ng	0.00
76) Chrysene-d12	21.82	240	395024	20.00	ng	0.00
87) Perylene-d12	25.19	264	408752	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	316437	123.53	ng	0.00
7) Phenol-d6	7.29	99	408633	103.61	ng	0.00
23) Nitrobenzene-d5	9.33	82	390115	100.67	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	258916	145.32	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	796434	88.74	ng	0.00
79) Terphenyl-d14	20.13	244	1723985	96.69	ng	0.00

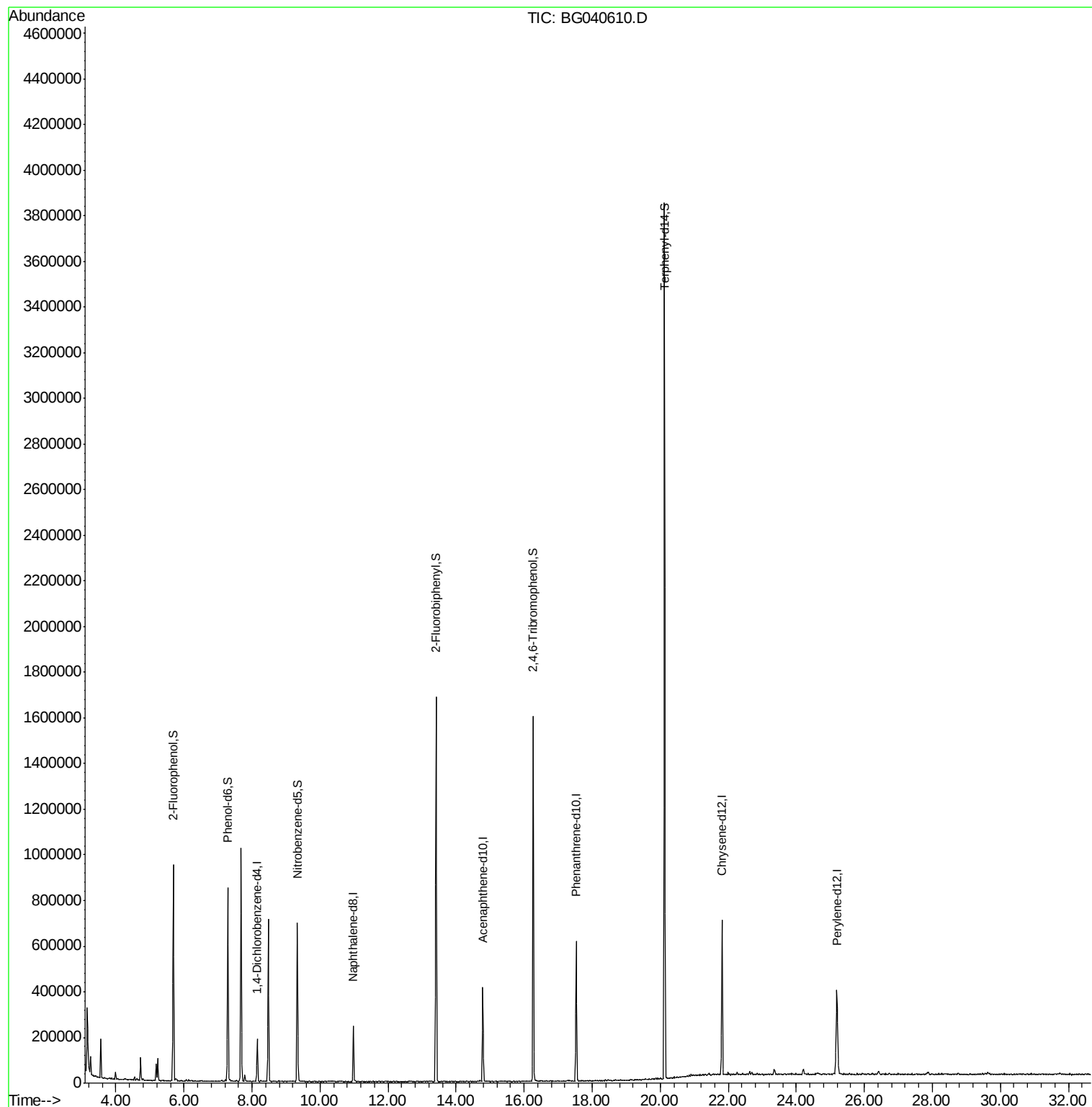
Target Compounds Qvalue

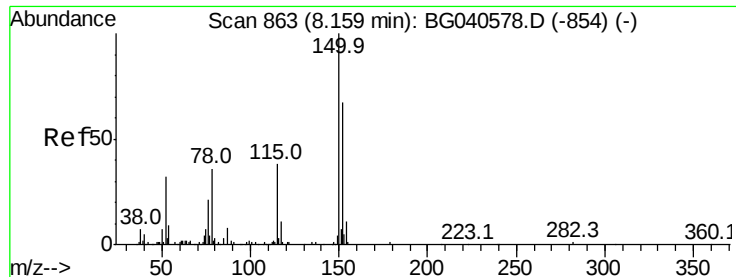
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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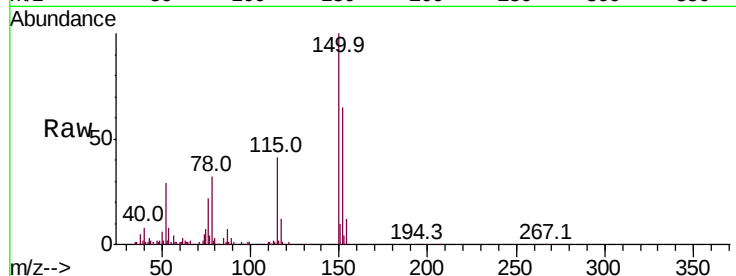


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BG040610.D
 Acq: 25 Apr 2019 14:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	120.2	180.2
115	64.1	46.2	69.2

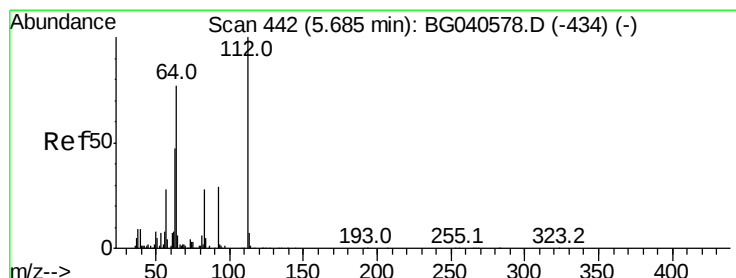
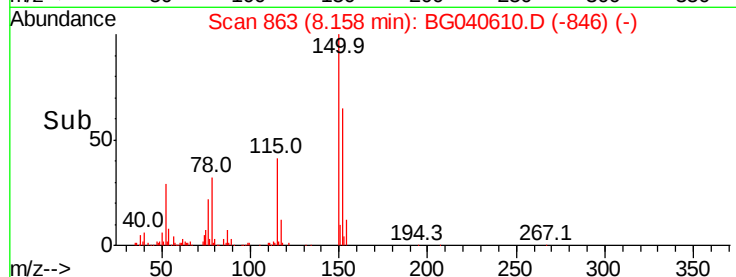
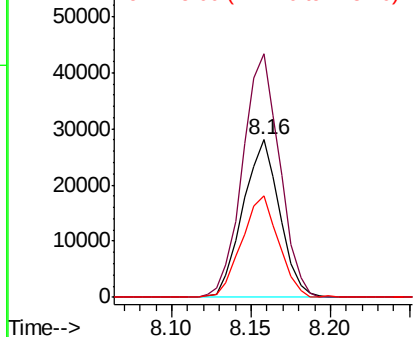


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

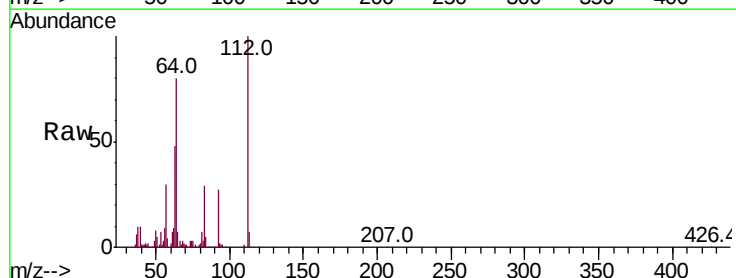
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 123.531 ng
 RT: 5.68 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BG040610.D
 Acq: 25 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.4	61.4	92.0
63	47.8	37.8	56.6

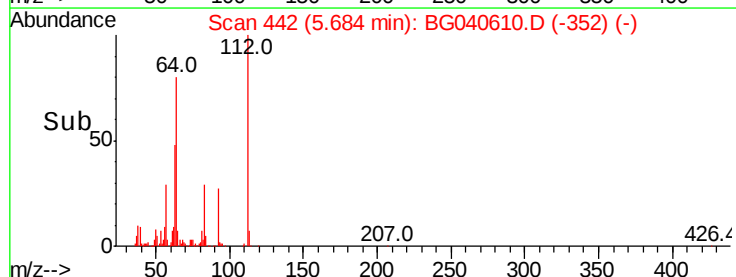
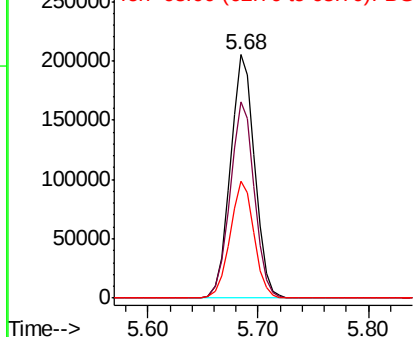


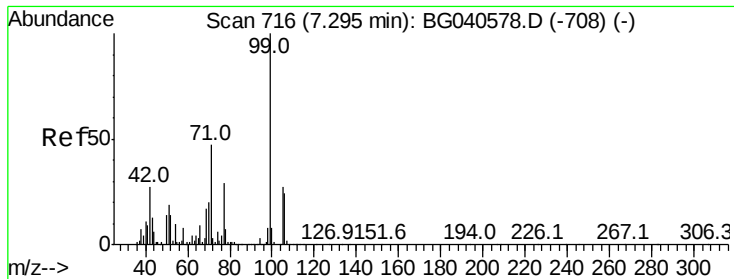
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 103.605 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040610.D

Acq: 25 Apr 2019 14:51

Instrument :

BNA_G

ClientSampleId :

TP-7

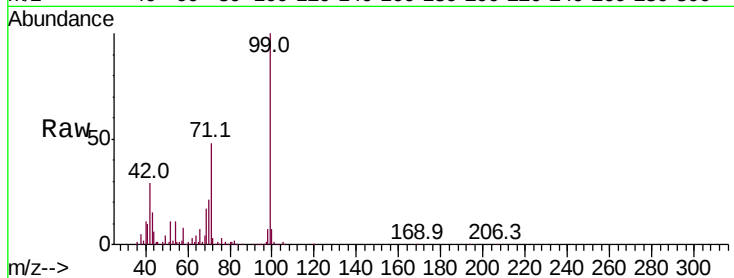
Tot Ion: 99 Resp: 408633

Ion Ratio Lower Upper

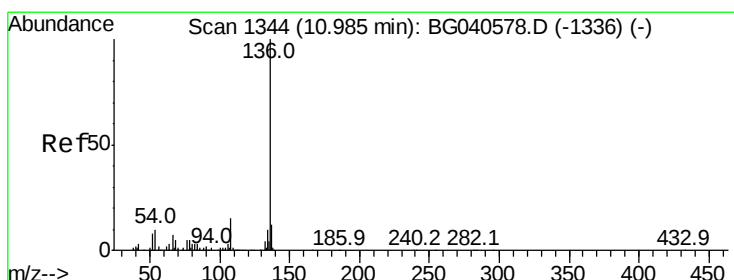
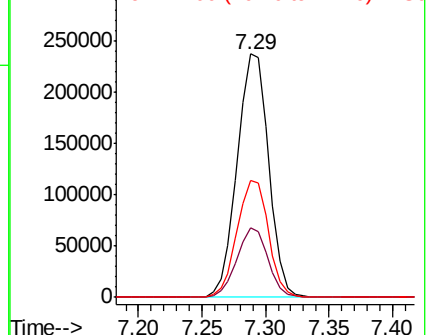
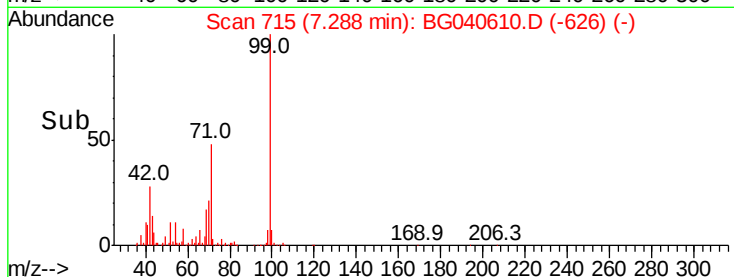
99 100

42 28.5 21.8 32.8

71 48.1 38.6 57.8



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG040610.D

Acq: 25 Apr 2019 14:51

Tgt Ion: 136 Resp: 179059

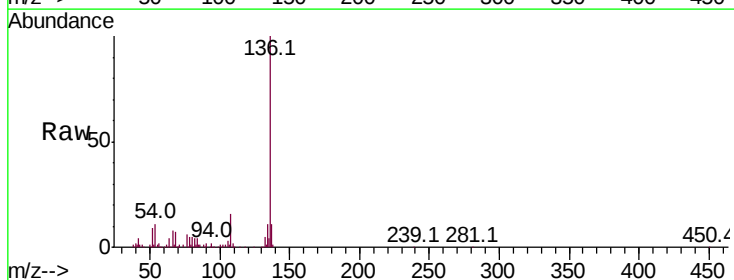
Ion Ratio Lower Upper

136 100

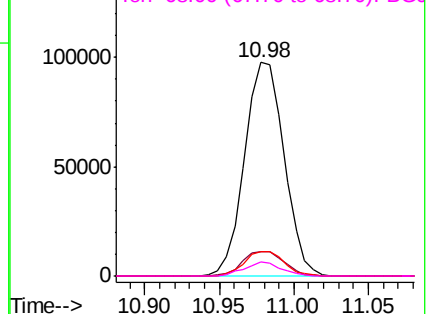
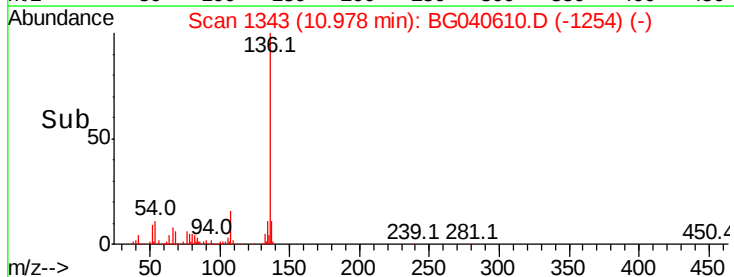
137 11.3 9.7 14.5

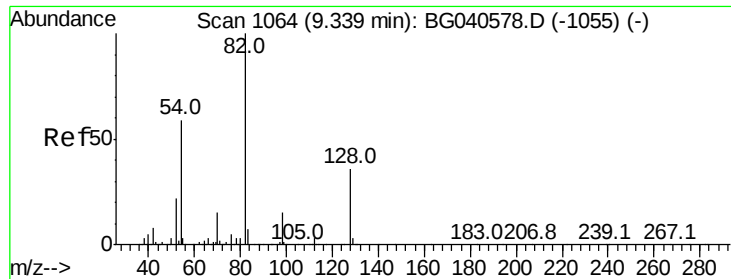
54 11.5 8.6 12.8

68 6.6 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

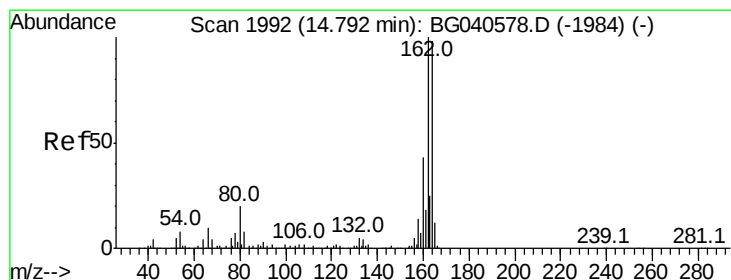
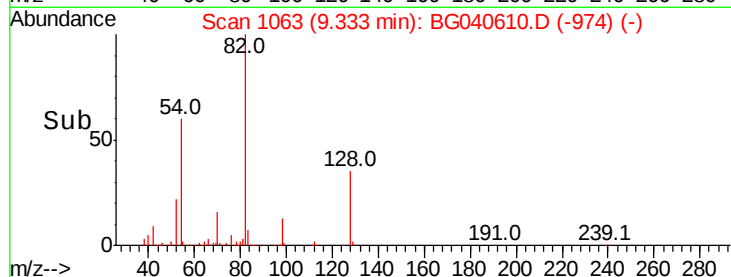
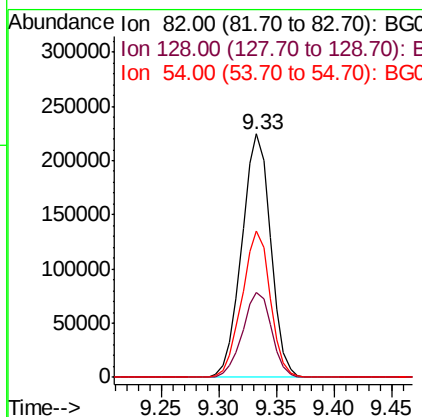
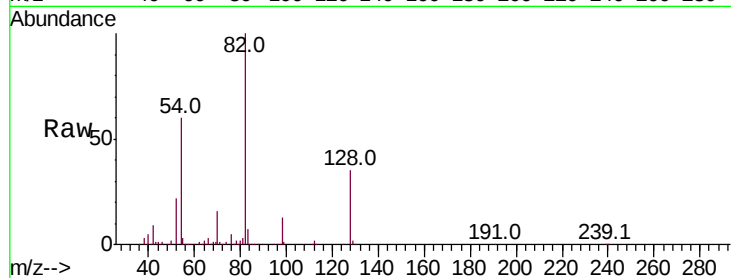




#23
 Nitrobenzene-d5
 Concen: 100.669 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040610.D
 Acq: 25 Apr 2019 14:51

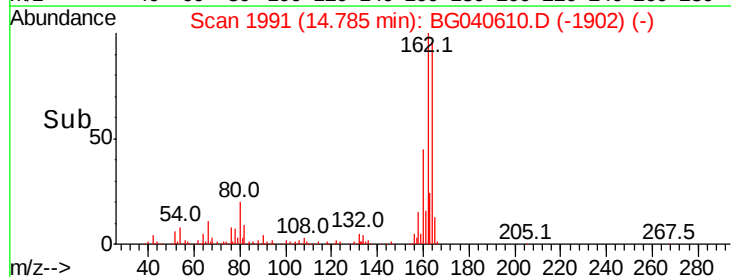
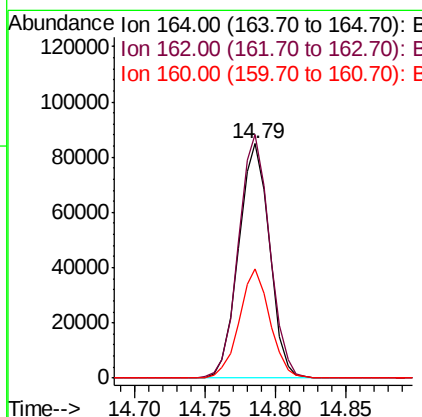
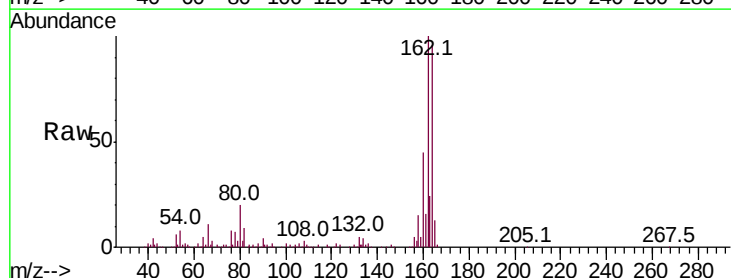
Instrument :
 BNA_G
 ClientSampleId :
 TP-7

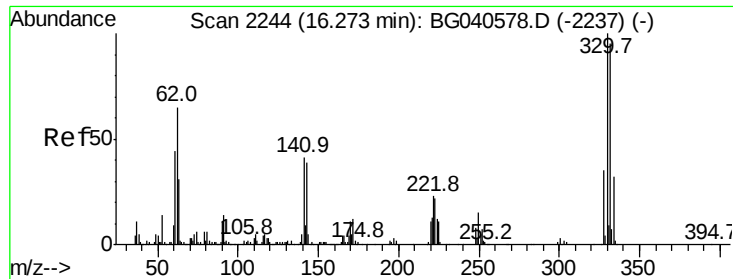
Tot Ion	82	Resp	390115
Ion Ratio	Lower	Upper	
82	100		
128	35.1	28.9	43.3
54	60.0	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG040610.D
 Acq: 25 Apr 2019 14:51

Tgt Ion	164	Resp	129622
Ion Ratio	Lower	Upper	
164	100		
162	104.0	81.9	122.9
160	46.6	35.4	53.2

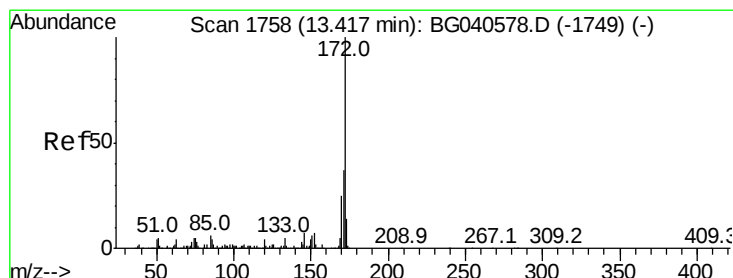
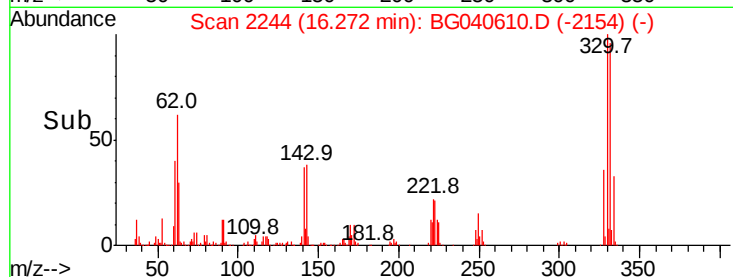
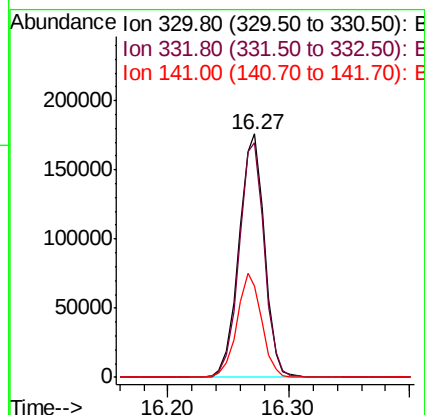
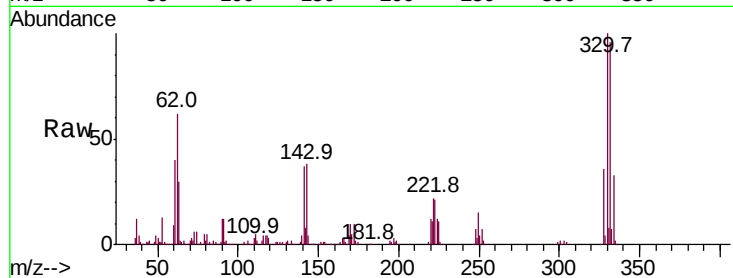




#42
 2,4,6-Tribromophenol
 Concen: 145.321 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG040610.D
 Acq: 25 Apr 2019 14:51

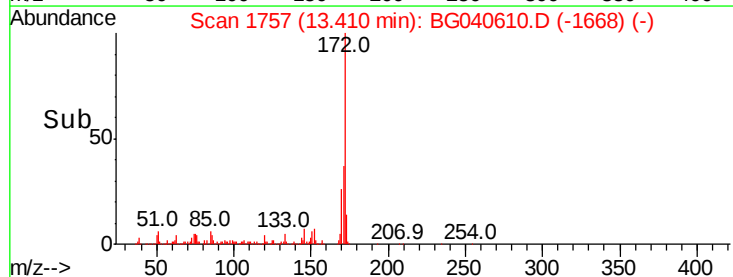
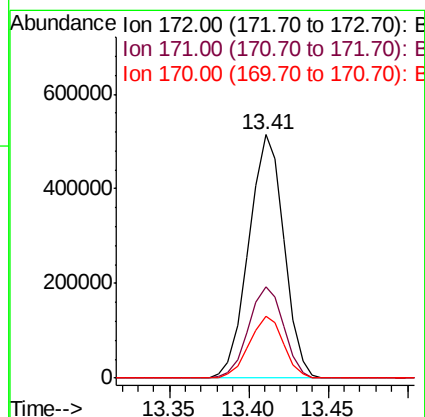
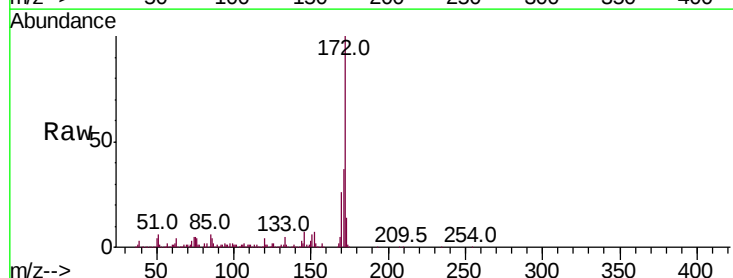
Instrument :
 BNA_G
 ClientSampleId :
 TP-7

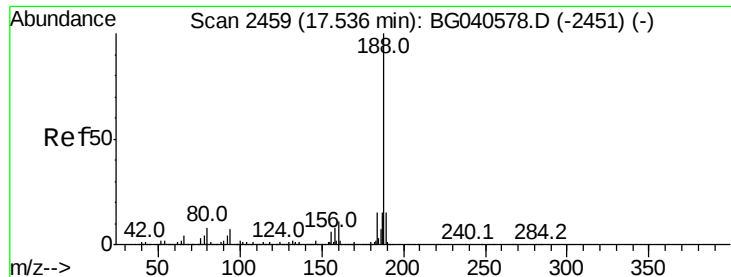
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.9	113.9
141	41.5	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 88.736 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040610.D
 Acq: 25 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.2
170	25.5	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040610.D

Acq: 25 Apr 2019 14:51

Instrument :

BNA_G

ClientSampleId :

TP-7

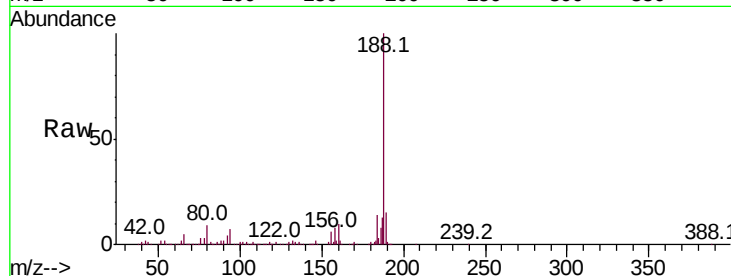
Tot Ion:188 Resp: 363027

Ion Ratio Lower Upper

188 100

94 6.8 5.6 8.4

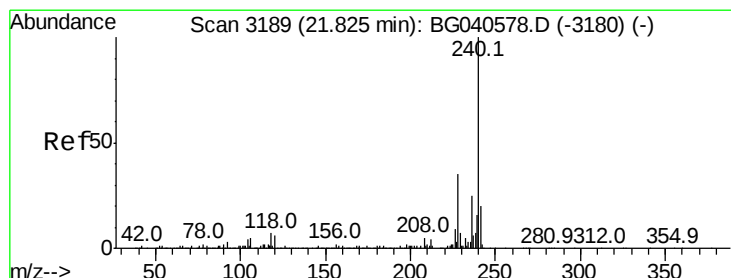
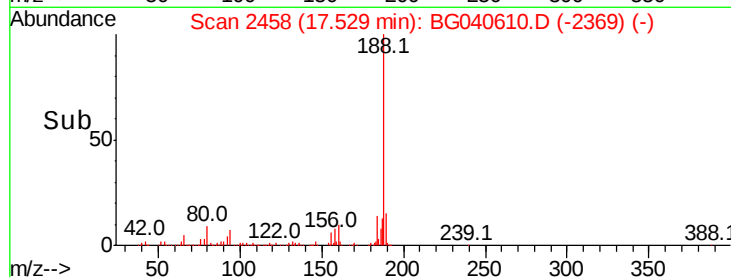
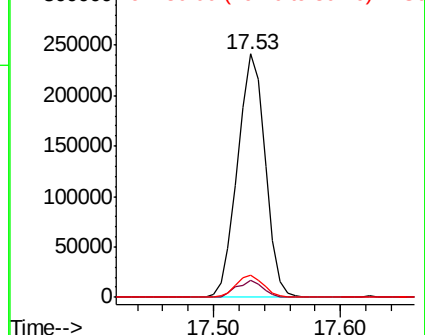
80 9.1 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG040610.D

Acq: 25 Apr 2019 14:51

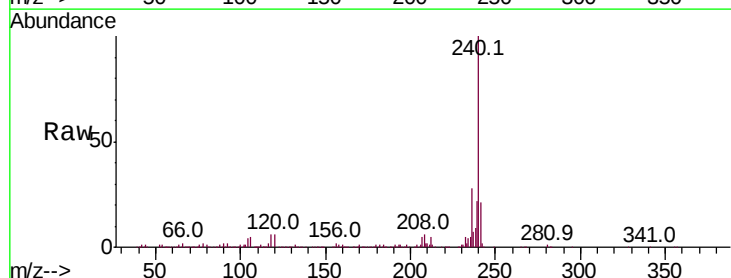
Tgt Ion:240 Resp: 395024

Ion Ratio Lower Upper

240 100

120 5.7 5.0 7.6

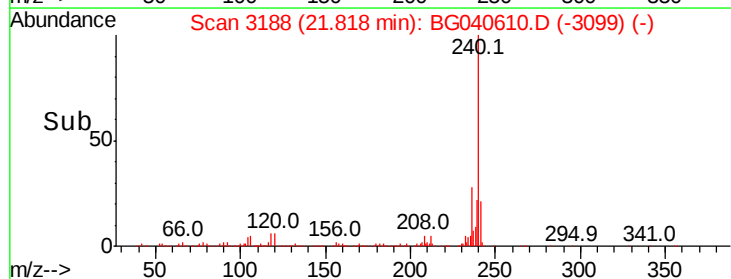
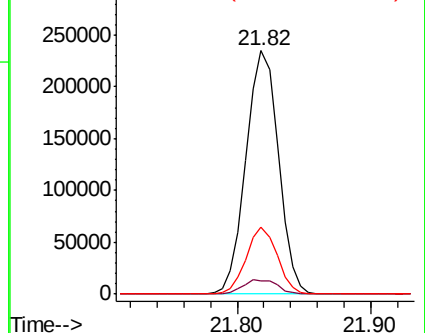
236 27.6 20.3 30.5

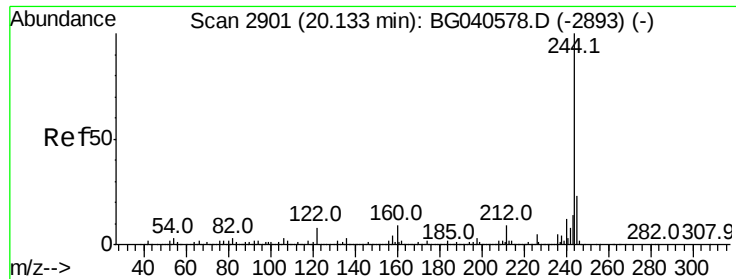


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



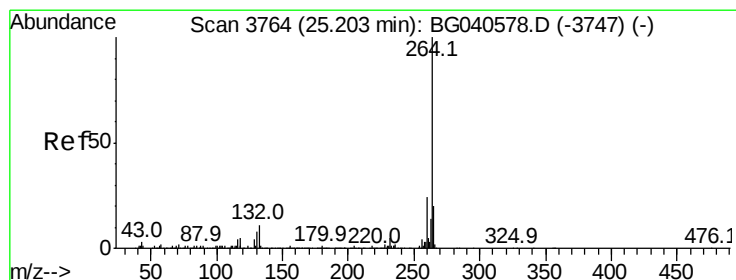
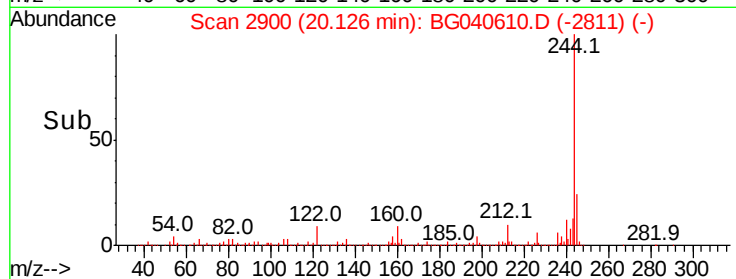
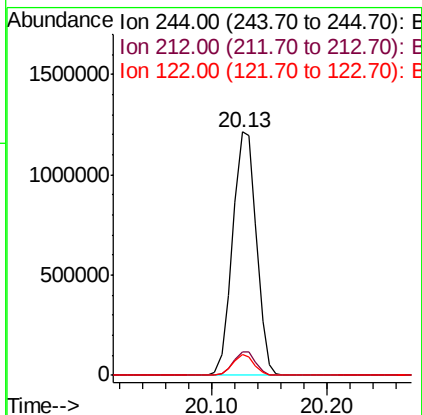
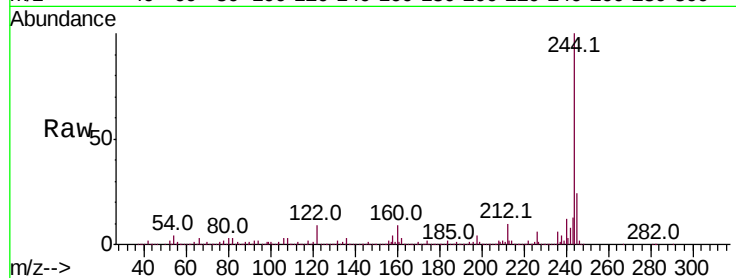


#79
 Terphenyl-d14
 Concen: 96.687 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.01 min
 Lab File: BG040610.D
 Acq: 25 Apr 2019 14:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tot Ion:244 Resp: 1723985

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	8.8	6.6	10.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3762
 Delta R.T. -0.01 min
 Lab File: BG040610.D
 Acq: 25 Apr 2019 14:51

Tgt Ion:264 Resp: 408752

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.9	16.6	25.0

